Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Wednesday 13 Jan 2021 until 23:59 on Thursday 14 Jan 2021

Forecast Issued on Tuesday 12 Jan 2021 at 13:24

Confidence: Generally high at first but decreasing towards the weekend.

Headline for Wednesday 13 Jan 2021: Cloudy with outbreaks of rain throughout the day.

Mountain weather hazards on Wednesday 13 Jan 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Light rain	Light rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability							
10%	20%	40%	60%	80%	90%	90%	90%

Forecast for Wednesday 13 Jan 2021

Weather: Low cloud will push in from the west through the morning, with rain following behind. Low cloud will become extensive with the rain heavy at times, particularly into the evening.

Chance of cloud free mountain/hill tops above 800m: 80% until around midday but decreasing to 20-30% during the afternoon.

Visibility: Good at first. Becoming moderate or poor through the afternoon with cloud bases 400-500m.

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Mountain Weather Forecast

Forecast for Wednesday 13 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	8/10 SW	8/11 SW	8/10 S	8/10 E	8/10 S	10/13 S	14/18 SE	15/20 SE	13/18 SE
600	6/8 SW	8/10 SW	6/8 S	7/9 E	5/7 SE	6/9 S	10/13 S	11/16 S	10/15 SE
300	1/6 SW	1/7 S	3/6 S	3/5 E	2/6 SE	3/9 S	4/13 S	6/15 S	5/12 S
Valley	1/3 NE	1/4 E	1/6 SE	3/6 E	2/6 SE	2/9 SE	3/11 SE	2/10 SE	3/9 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-1/-5	-1/-5	-0/-4	1/-3	1/-2	1/-3	1/-4	2/-4	1/-4
600	-0/-4	-0/-4	-0/-4	1/-2	1/-1	2/-1	2/-2	3/-2	2/-2
300	0/-1	1/-1	1/-1	1/-0	2/1	2/1	3/1	4/1	4/2
Valley	2/0	2/1	2/1	3/1	3/1	3/2	4/2	4/3	4/3
Freezing Level*	200m	300m	300m	1400m	1600m	2000m	2000m	2200m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add.

Forecast for Thursday 14 Jan 2021

Weather: Remaining cloudy and wet through Thursday with heavy outbreaks of rain, sleet and snow. It will turn drier into the evening but low cloud lingering.

Maximum wind: Westerly becoming northerly 5-10mph.

Chance of cloud free mountain/hill tops above 800m: 10-20%

Visibility: Moderate or poor with cloud bases 200-500m.

Temperature: **Valleys:** Plus 2 Celsius
At 800m: Minus 1 Celsius
Freezing level: Above summits, falling to 500m

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Tuesday 12 January. Location: Helvellyn summit at 10:50. Full report: A cold and clear day in the Lakes with excellent visibility which provided a good opportunity to see how much snow and ice has thawed in the milder temperatures we have experienced in the last few days. Any remaining snow is now very fragmented and on the ascent from Thirlmere today almost all of it could be avoided apart from on the summit plateau itself, where a few large unavoidable areas remain close to the summit. All of the snow that was encountered today is essentially neve and is very, hard, compact and icy. Large areas across the higher tops are also covered in ice and verglas meaning that microspikes and walking poles are really useful. Steep north and east-facing corrie headwalls such as Brown Cove and the area above Red Tarn still hold a reasonable amount of snow. Swirral and Striding edge are both in full winter condition and are a mixture of rock and unavoidable areas of snow and ice. In the current conditions, they are both very serious propositions and have the potential for very long and damaging falls in the event of a slip. Anyone venturing onto these routes, or similar steep and exposed ground should be suitably experienced and equipped - An ice axe and crampons are essential. It felt very cold in the wind today with a windchill or 'feels like' temperature of -14°C. As such, full winter clothing (waterproofs, extra warm layers, hat and gloves), mountain boots and equipment (headtorch, map, compass, whistle and survival bag) are all essential. Goggles are also recommended to enable you to navigate in windy conditions. Please be conservative with your plans and know your limits. Temperature: minus 3.6 C, Maximum wind speed 31.4 mph, Wind chill: minus 14.1 C, Average wind speed: 20.0mph

Issued at: 1324 on Tue 12 Jan 2021

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